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SOURCE Newspapers and periodical as indicated.

MOSCOW BUILDERS SHORT OF MACHINERY;
NEW ROAD AND CONSTRUCTION MACHINERY APPEARS

MINISTRY REBUKED -- Vechernyaya Moskva, No 200, 25 Aug 49

Forty representatives of the Moscow building industry recently sat in on a meeting of the collegium of the Ministry of Road- and Construction-Machine Building. The subject of the meeting was an open letter addressed to S. Ya. Fomin, Minister of Road- and Construction-Machine Building, by a group of Moscow construction people, in which the Ministry was sharply criticized for its failure to cooperate in the solving of local building problems. The crux of the matter was the ministry's delay in getting 30 new types of construction machinery into production. Of these machines, promised this year, only eight types have actually appeared. Among those particularly in demand are plastering, mortar-mixing and cement-mixing machines. The Scientific-Research Institute of the Ministry (director, Tanygin) was held responsible for getting new equipment off the "experimental" list immediately. The delivery of construction machinery in an incomplete state was also hit by the critics of the ministry.

NEW PRODUCTS TO AID BUILDERS -- Moskovskiy Bol'shevik, No 276, 24 Nov 49

The Slavyansk Plant of the Ministry of Construction- and Road-Machine Building has recently put a 2,400-liter cement mixer into series production.

The plant has built a new cement pump which can handle cement at the rate of 20 cubic meters per hour. Such a pump can deliver cement 250-300 meters away on the horizontal, or send it 50 meters vertically. It will be particularly useful in the construction of high buildings.

DESIGN CEMENT MIXER -- Zarya Vostoka, No 236, 3 Dec 49

Engineers of the Leningrad Affiliate of the All-Union Scientific-Research Institute of the Ministry of Construction and Road-Machine Building have designed a 2,400-liter cement mixer. The drum is revolved by an electric motor. All

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operations in connection with the mixing of the cement, including loading of dry ingredients, are fully automatic. Mixing time is regulated by a special electric instrument which guarantees a perfect batch. Productive capacity is about 45 cubic meters per hour. The first model has been built and tested successfully, and the units are now going into series production.

DOUBLES CAPACITY OF NEW EXCAVATOR -- Pravda Ukrainy, No 308, 31 Dec 49

The Kiev Krasnyy Ekskavator Plant is completing its first 22-ton, multiple-bucket excavator. Its working radius is 35 meters, and it has a productive capacity of 50 cubic meters per hour, which is nearly twice that of the machines being produced at present.

BUILDS NEW CABLE CRANE -- Sovetskaya Estoniya, No 241, 12 Oct 49

A new cable crane built in the Machinery Repair Plant of the Gazlantsestroy Trust is being used in the construction of living quarters in Kokhtla-Yarve; it is 130 meters long and 20 meters high. A second cable crane, now being completed at the plant, will be used on the construction of the Kokhtla-Yarve House of Culture.

MEETS PLAN EARLY, TURNS OUT NEW PRODUCTS -- Izvestiya, No 309, 31 Dec 49

The Dnepropetrovsk Metal Structures Plant, which supplies materials for Moscow buildings, has turned to the production of walking excavators. The plant met the Five-Year Plan for gross and commodity production on 29 December.

ACCEPTS ORDERS FOR CONSTRUCTION MACHINERY -- Moskovskiy Bol'shevik, No 5, 6 Jan 50

The Stroymekhanizatsiya Trust of the Main Administration for Mechanization of Construction, Ministry of Construction- and Road-Machine Building, now has available the following equipment: Kolkhoznii brick-cutting units, 800-1,200 bricks-per-hour capacity; slag-brick-making units, 400 bricks-per-hour capacity; tile-making machines; drills, vibrators, disk saws mortising machines, planes, and other tools, all electric powered; cement breakers, riveters, grinders, and other tools, all pneumatic powered; bolt cutters for 1.25-2.5-inch diameter bolts.

Orders should be addressed to the trust in Moscow, accompanied by a detailed list of equipment needed, with technical specification, -- Advertisement

Trud, No 17, 20 Jan 50

The Main Administration, Ministry of Construction- and Road-Machine Building, is accepting orders for the delivery of the following types of machinery; high-duty pneumatic tools, small drills, grinders, riveters, pipe cutting, threading, and bending machines; planing and polishing machines for parquet floors.

Orders should be addressed to the following offices: the Stroymekhanizatsiya Trust, Moscow; the Yuzhstroymekhanizatsiya Trust, Khar'kov; the Uralstroymekhanizatsiya Office, Sverdlovsk; the Lenstroymekhanizatsiya Office, Leningrad -- Advertisement

NEW EARTH AUGER -- Mekhanizatsiya Stroitel'stva, No 11, Nov 49

The BM-2 earth auger, produced by the Plant-and-House Construction Trust, is finding wide application in construction projects, where it is used to dig post holes, foundation ditches for buildings and bridge supports, and ditches for pipe lines and cables.

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Mounted on a two-axle chassis, it is powered by either a 22-horsepower internal-combustion engine or an electric motor of 10 kilowatts' capacity; in either case it is equipped with a ZIS-5 transmission.

The machine is towed to and from the area of operations, but moves about under its own power when actually at work. Controls are grouped near the end on which the drill is mounted, so that one worker can operate the machine.

Following are the specifications of the BM-2:

| | |
|----------------------------------|---------------------|
| Weight | 1.2 tons |
| Length | 2,600 millimeters |
| Width (hub to hub) | 1,600 " |
| Height (from top of drill frame) | 3,200 " |
| Regular boring depth | 1.8 meters |
| Regular drill-head diameter | 400-600 millimeters |

With regular drill head the machine will drill to a depth of 1.8 meters in 3.5 minutes, and in 6-12 minutes when the ground is frozen. Special attachments will permit the drilling of pits 1,200 millimeters in diameter and 4 meters deep.

During drilling, the machine is steadied by two metal supports, which dig into the ground on either side of the bore shaft.

BUILDERS GET ABOVE-PLAN TOOLS -- Vechernyaya Moskva, No 293, 13 Dec 49

The Yaroslavl' Krasnyy Mayak Machine-Building Plant has sent the construction industry hundreds of electric saws, mortising machines, and vibrators above the Five-Year Plan. The management has recently begun to produce grinders for smoothing cement floors and stone walls.

TURNS TO NEW PRODUCTION IN CONSTRUCTION FIELD -- Moskovskiy Bol'shevik, No 8, 10 Jan 50

The Novocherkassk Plant imeni Nikol'skiy has begun production of high-duty cement mixers, grab buckets, and conveyers.

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